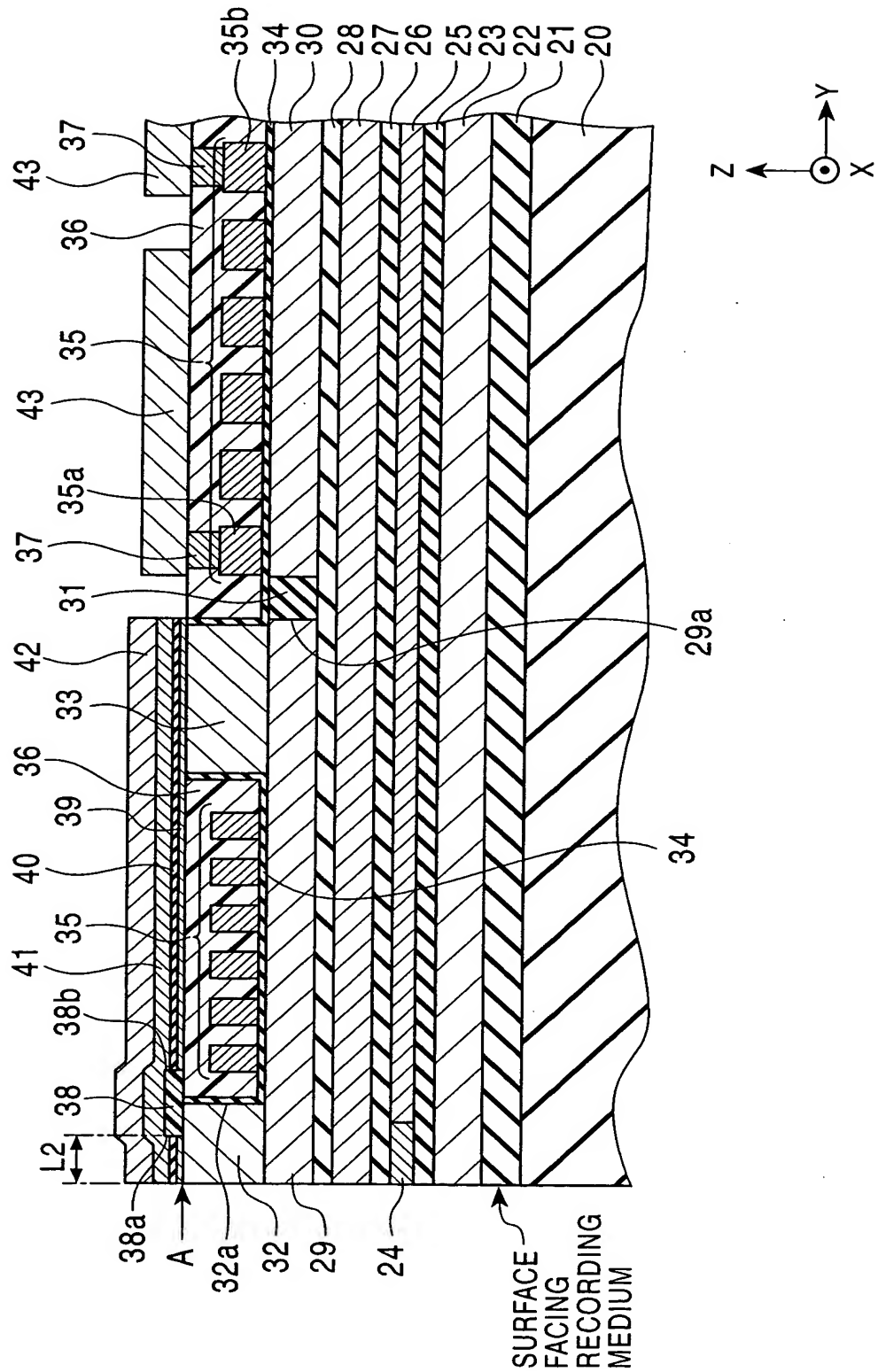
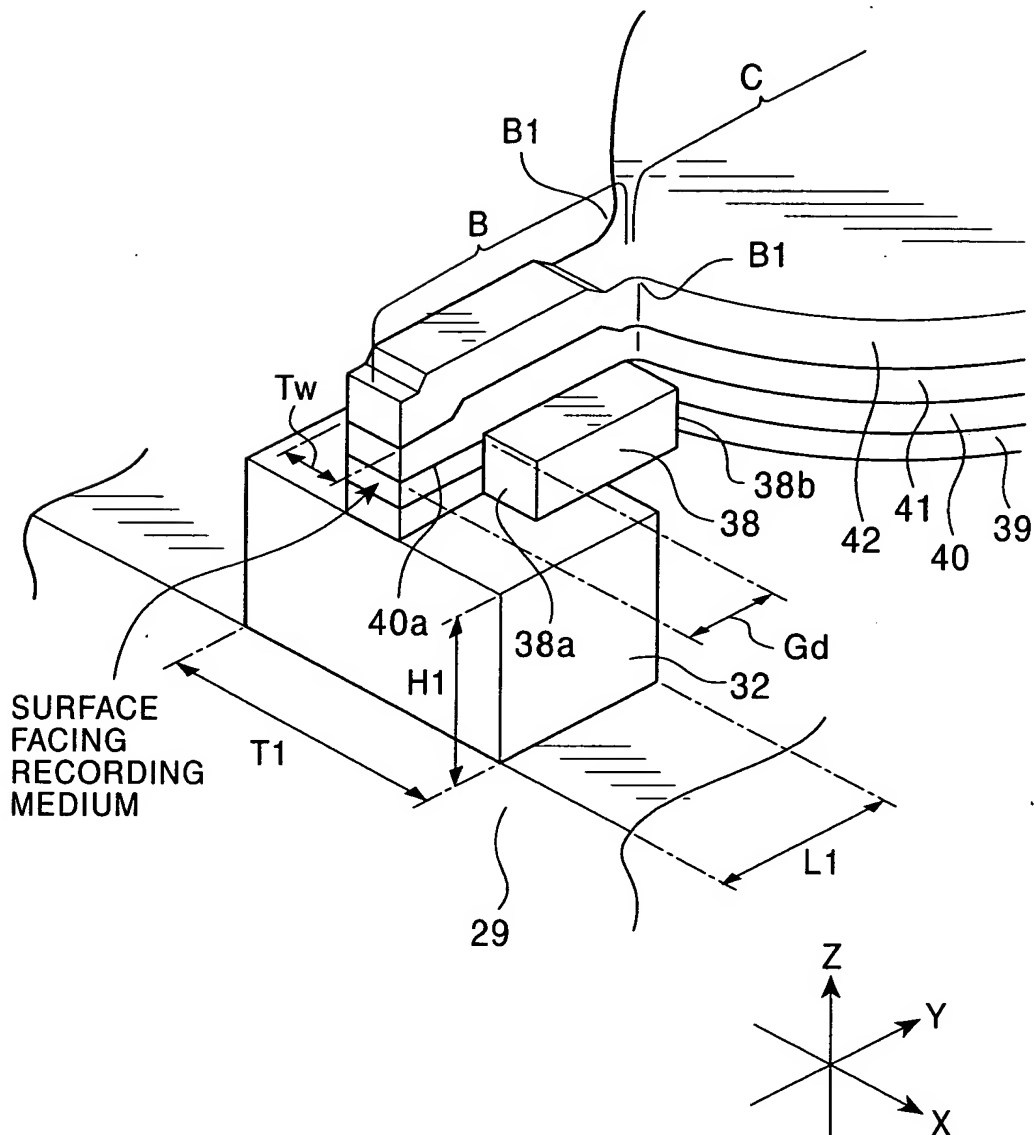
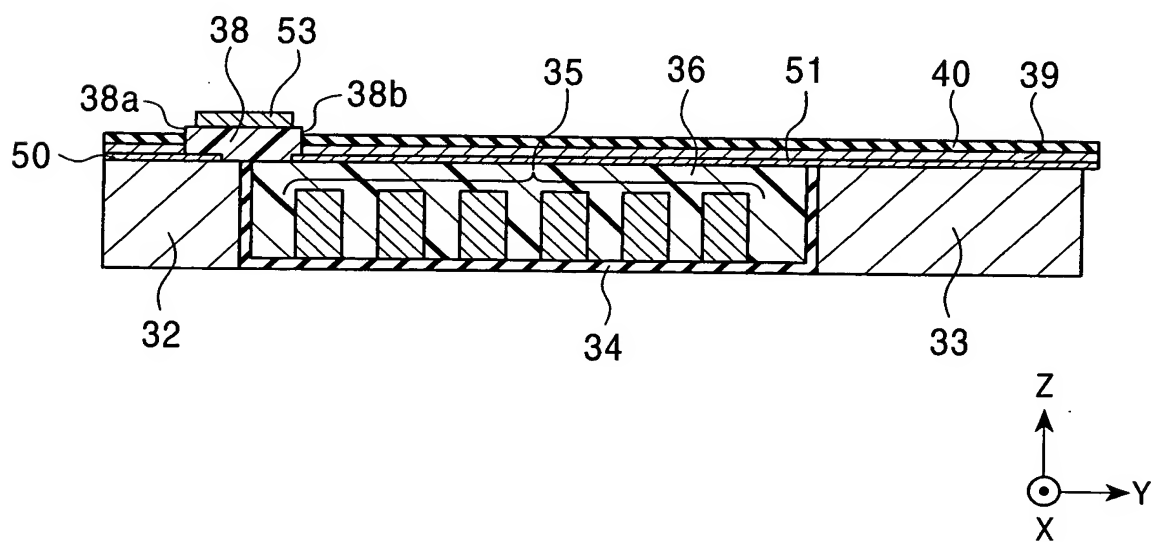


FIG. 1

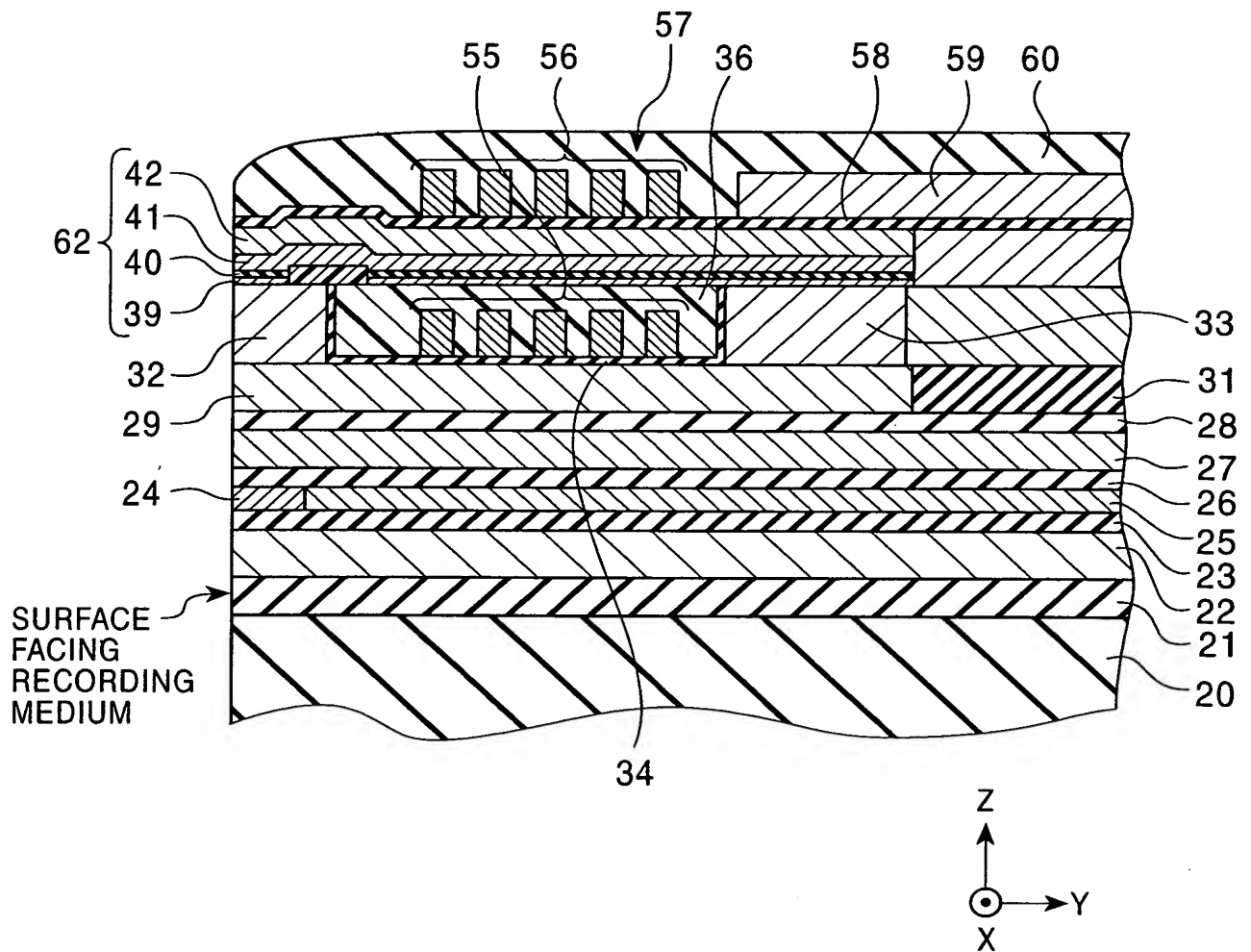


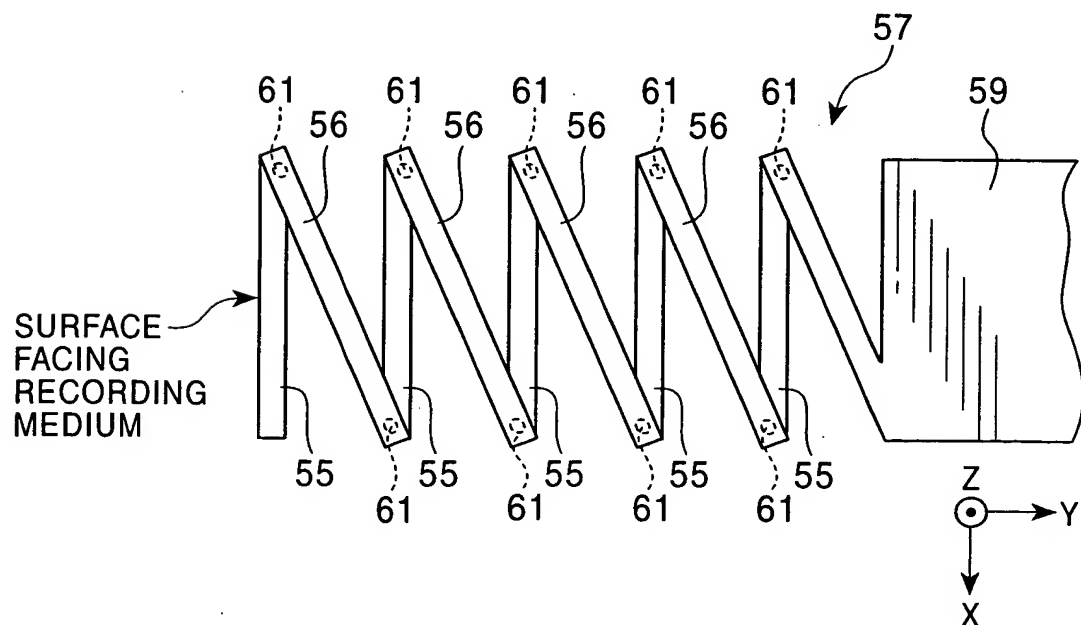




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FIG. 5





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FIG. 8

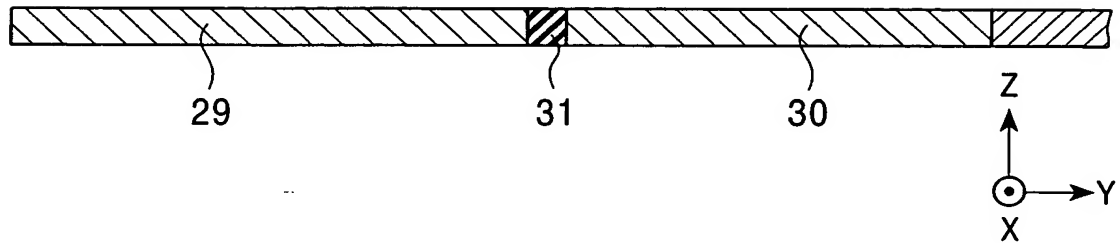


FIG. 9

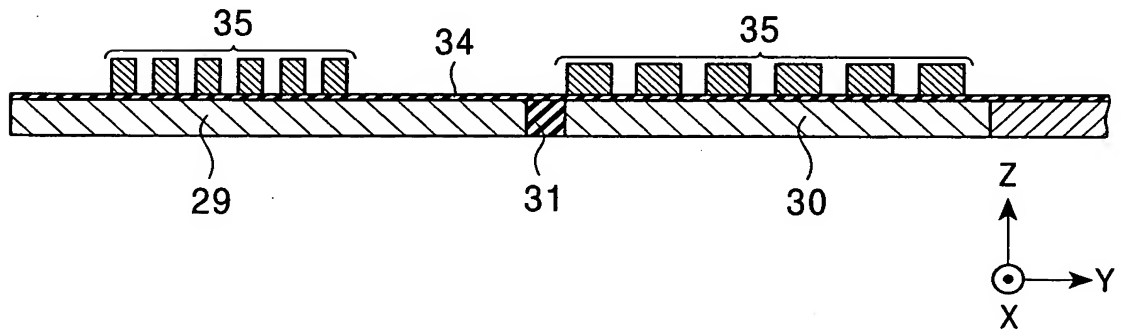
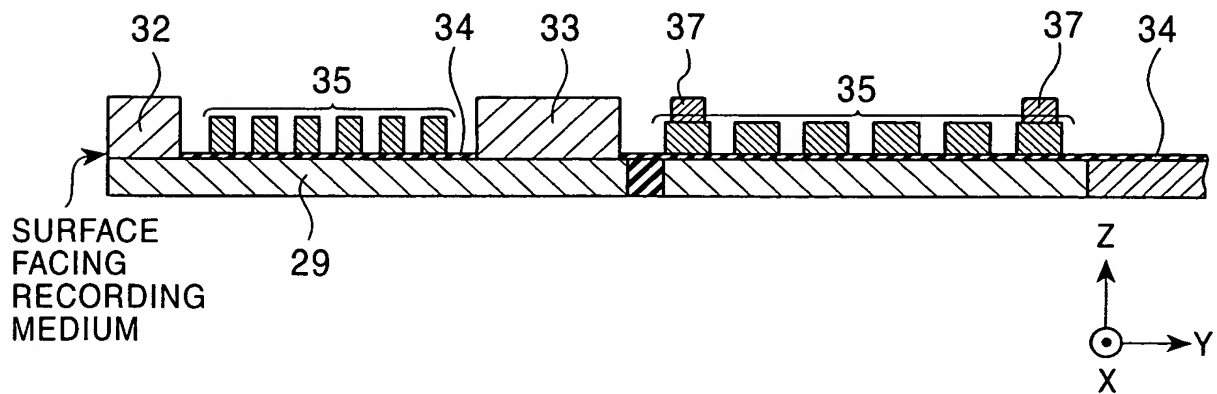


FIG. 10



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FIG. 11

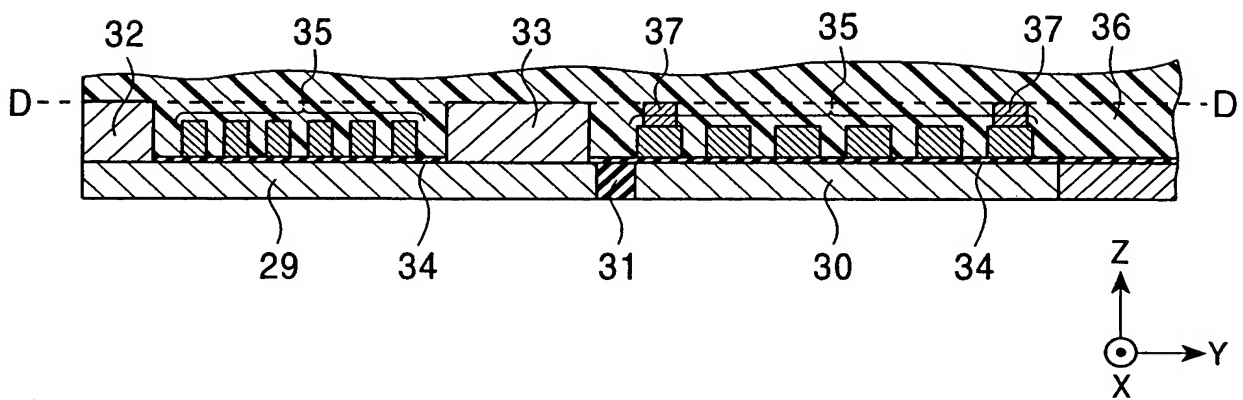
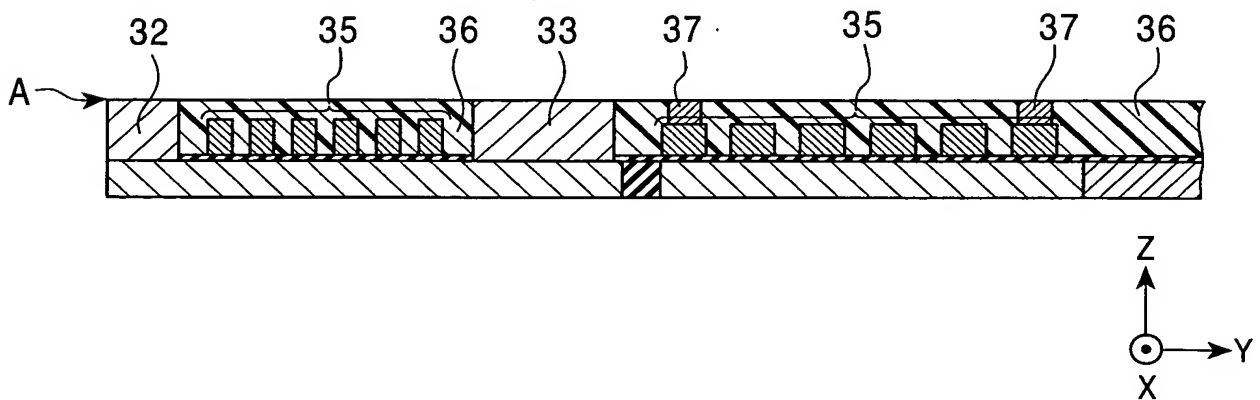


FIG. 12



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FIG. 13

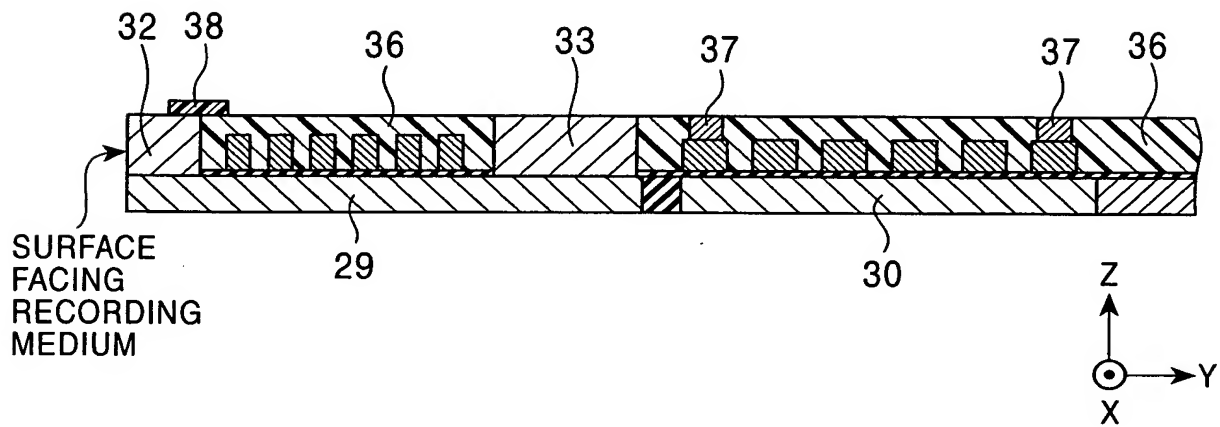


FIG. 14

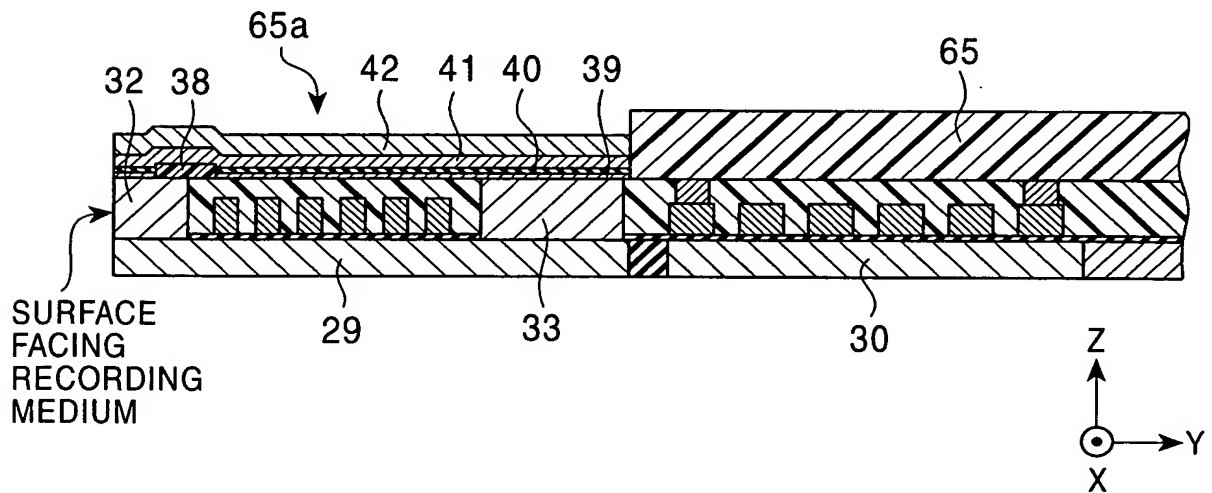
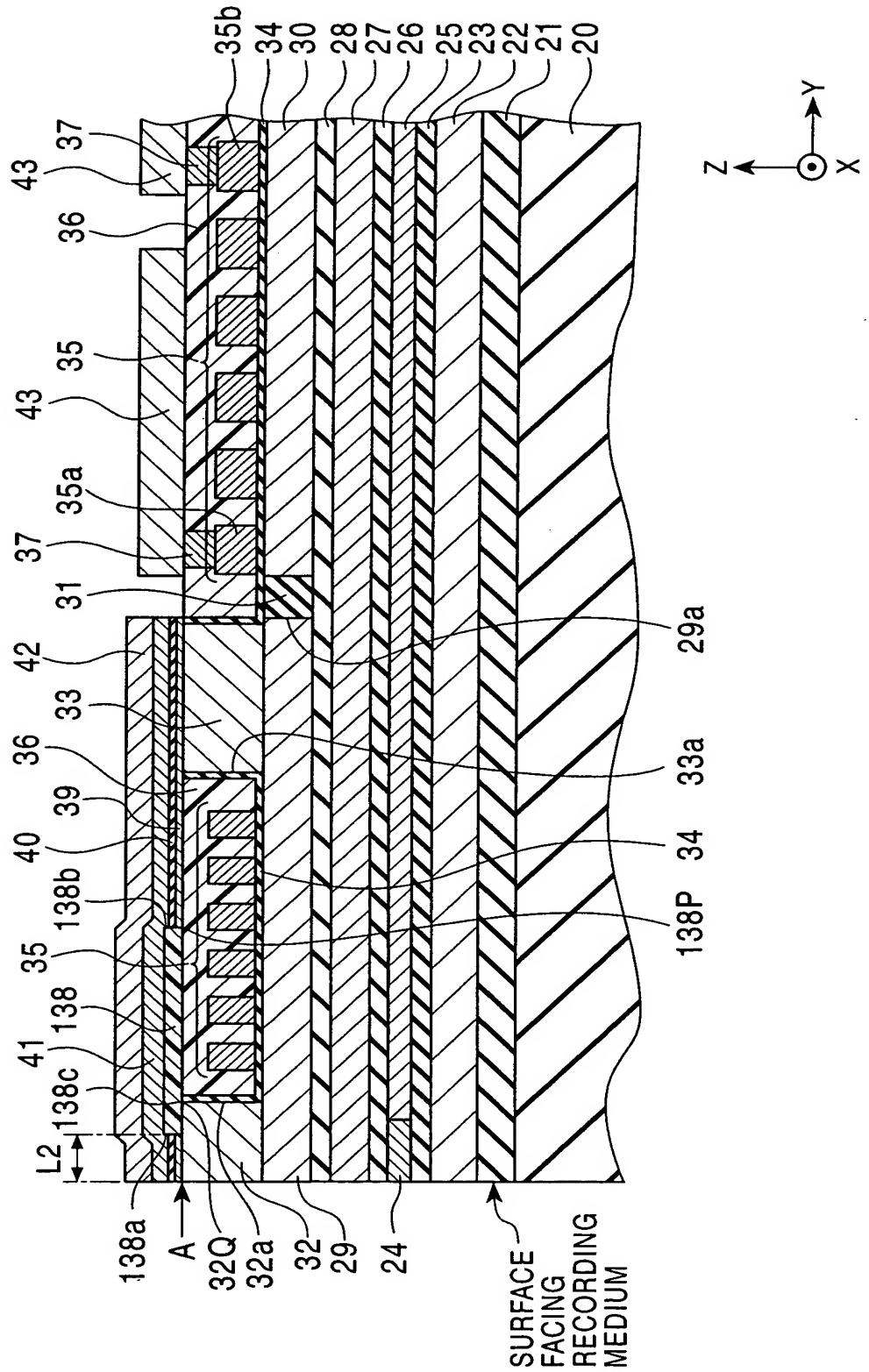


FIG. 15



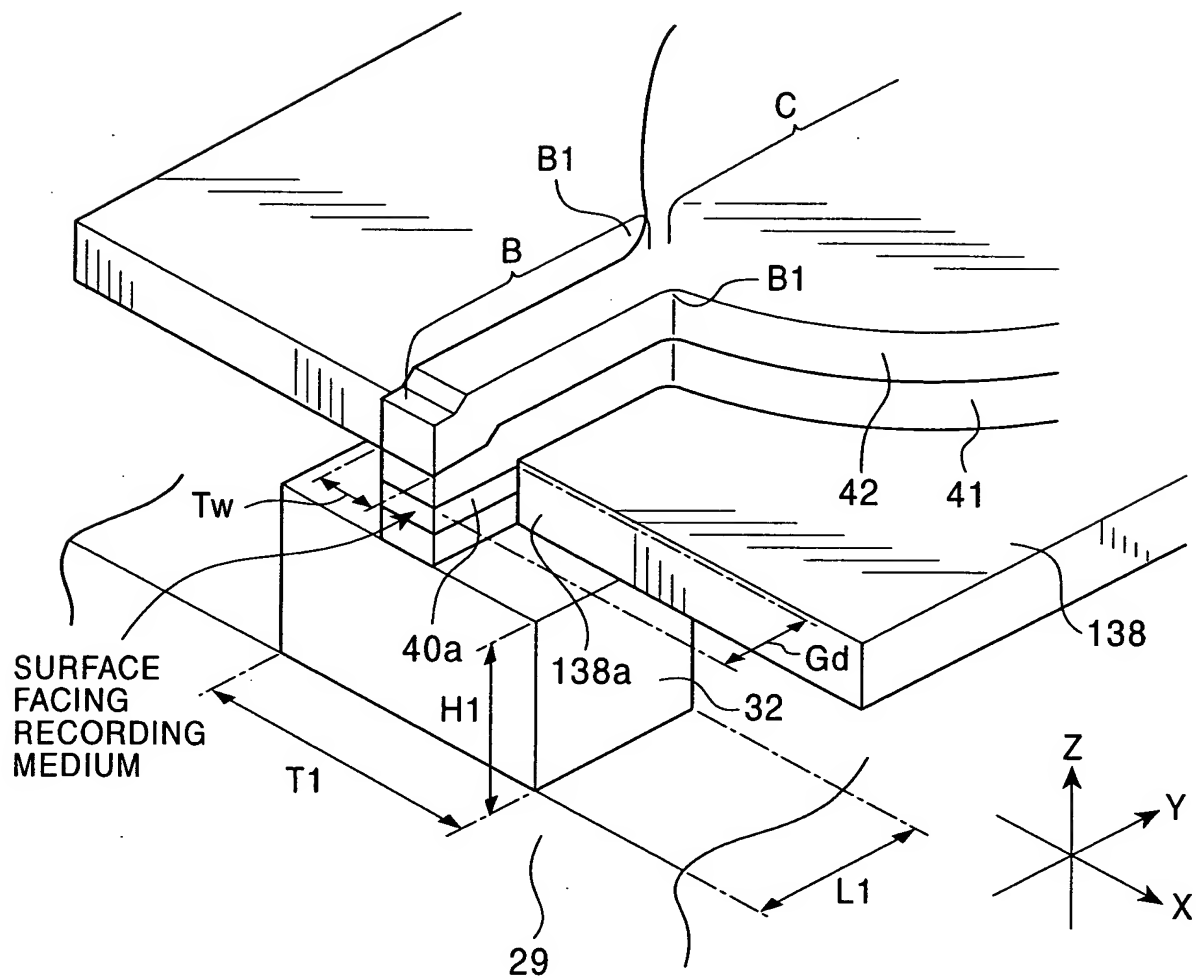


FIG. 17

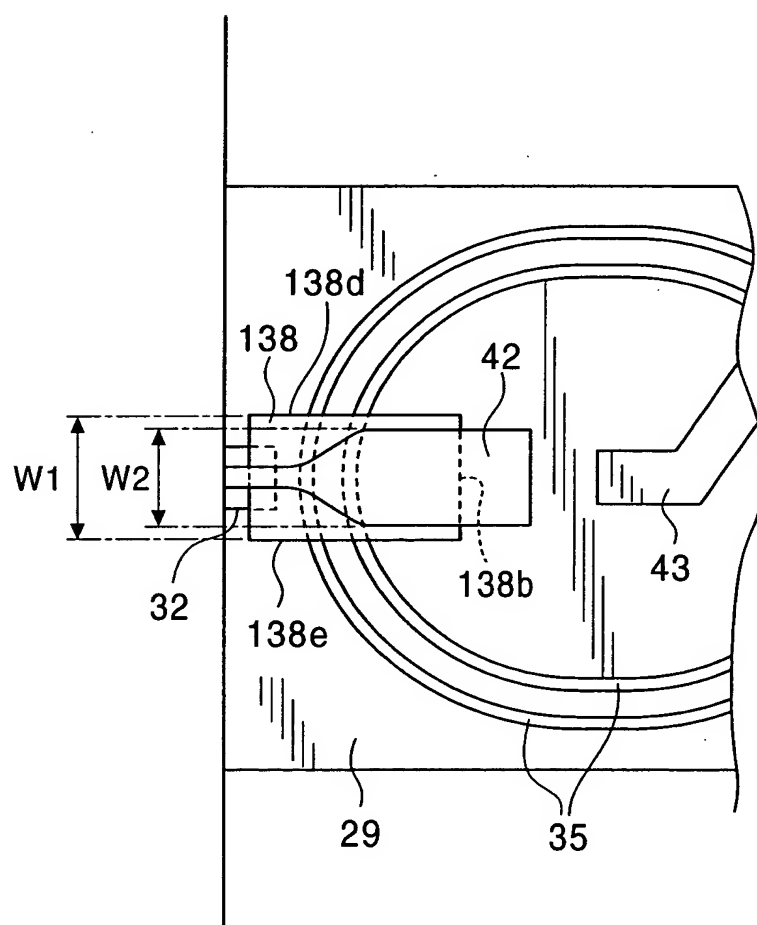
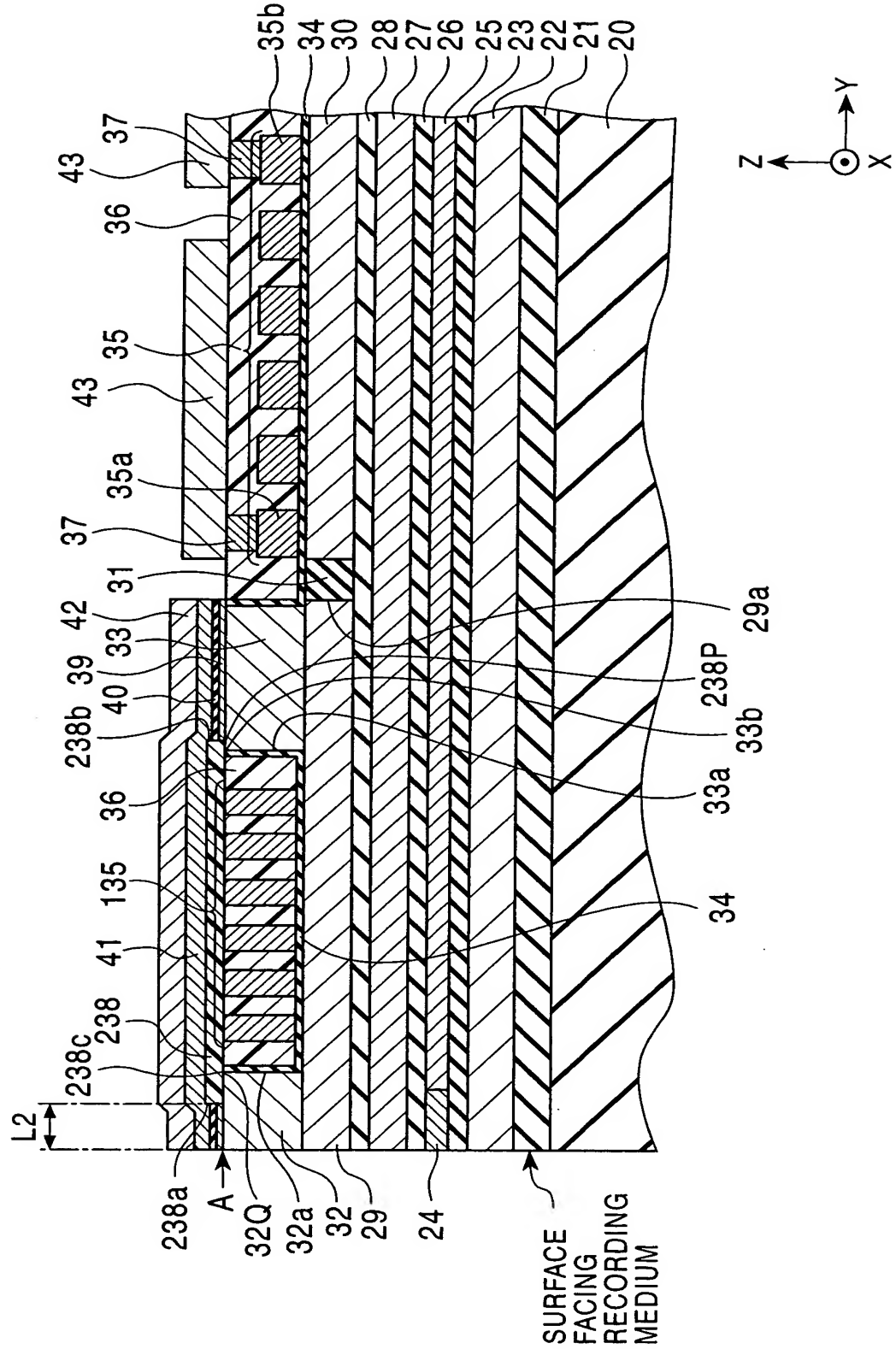
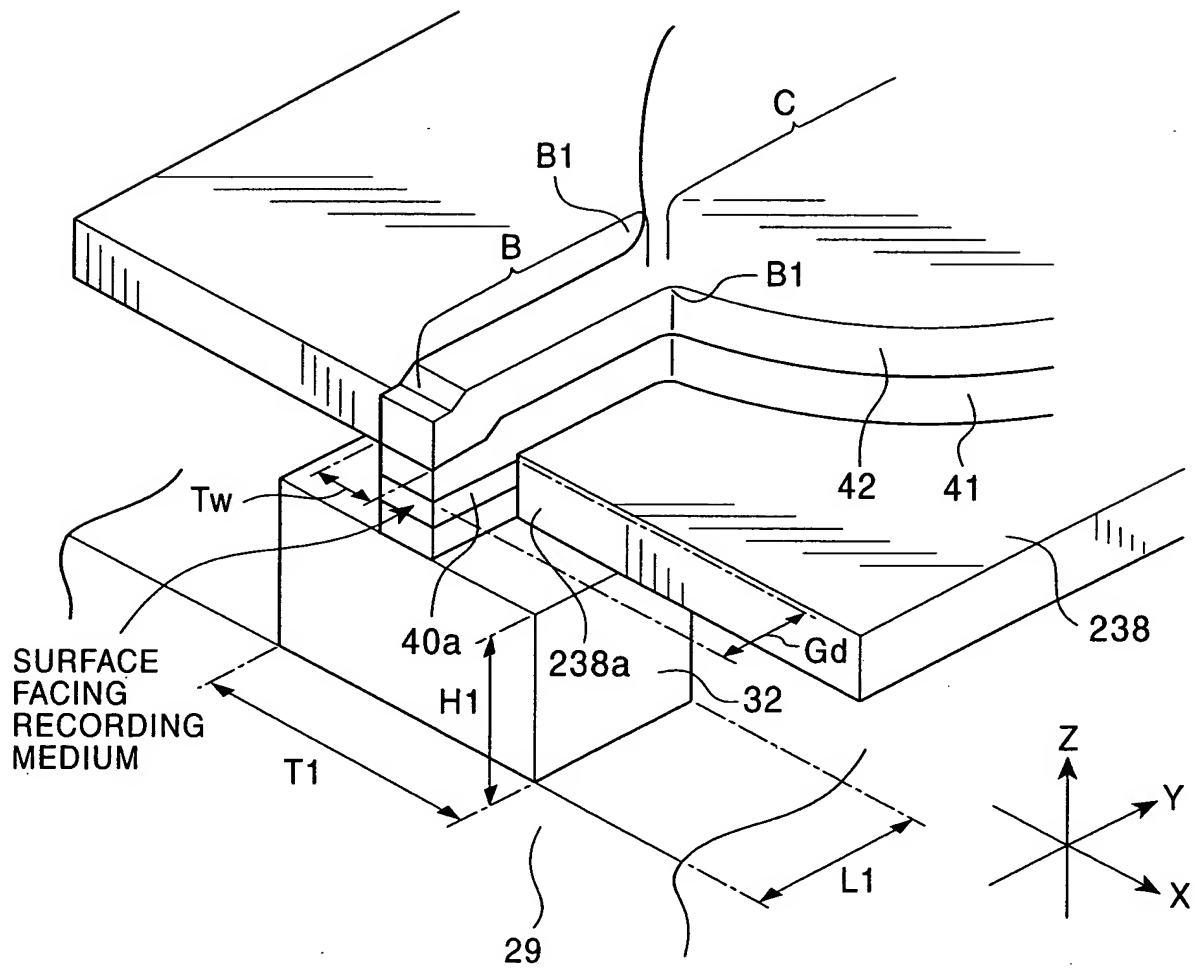


Diagram illustrating a cross-sectional view of a magnetic recording medium. The structure includes a substrate 32, a series of recording elements 34, and a non-magnetic region 33. A layer 51 is positioned above the recording elements. A dimension L3 is indicated for the length of the recording elements. A coordinate system (X, Y, Z) is shown at the bottom right.

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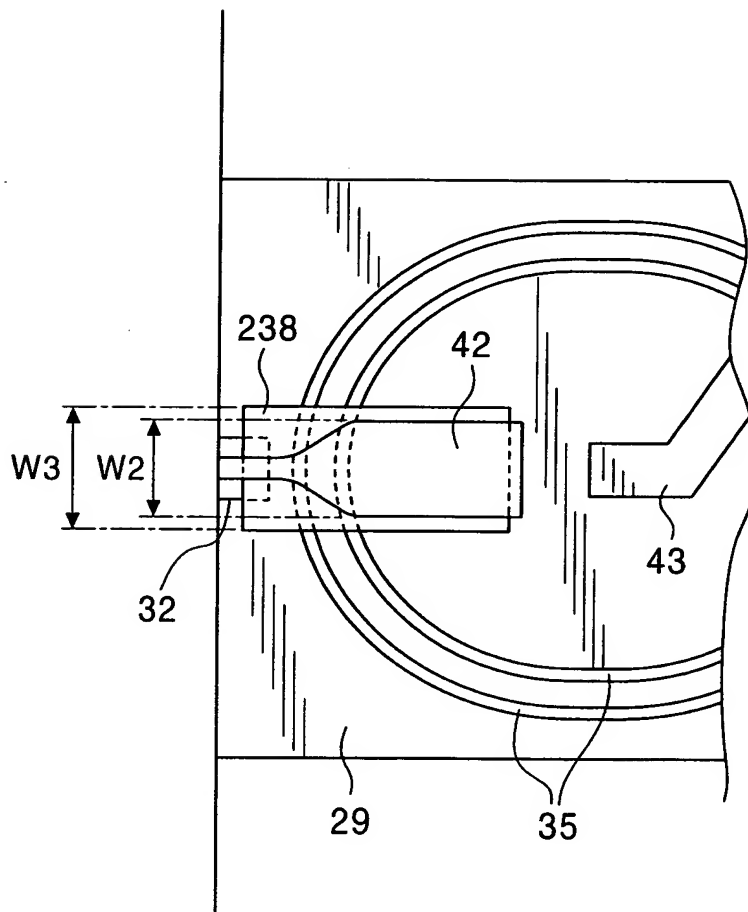
FIG. 19

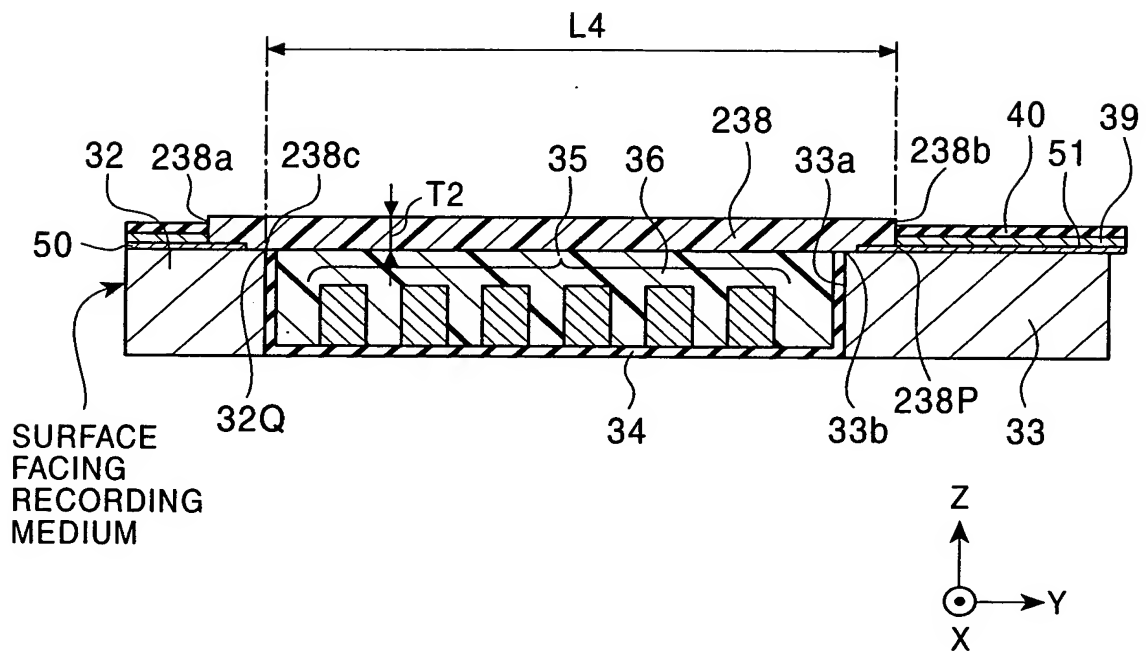


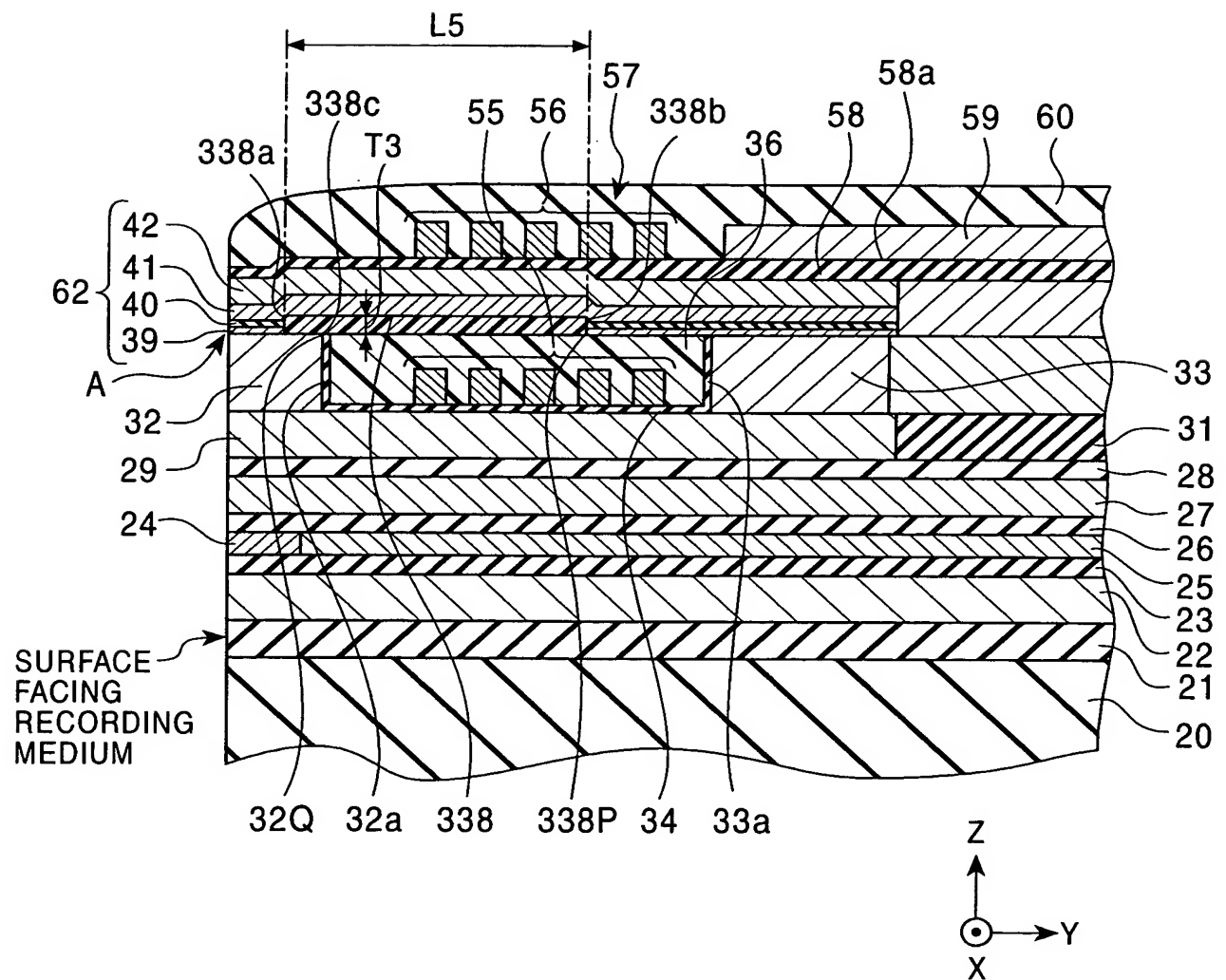


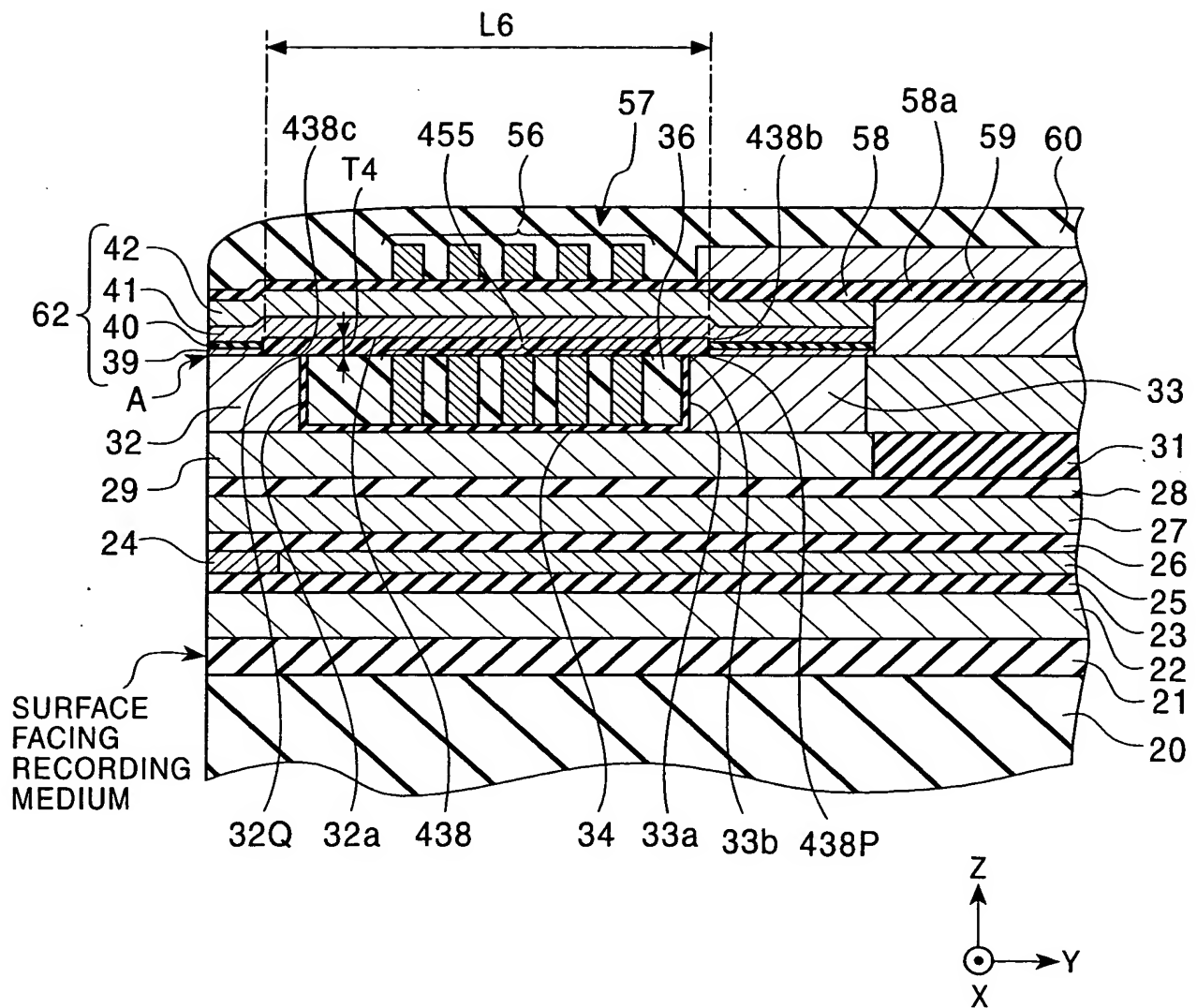
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FIG. 21









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FIG. 25
PRIOR ART

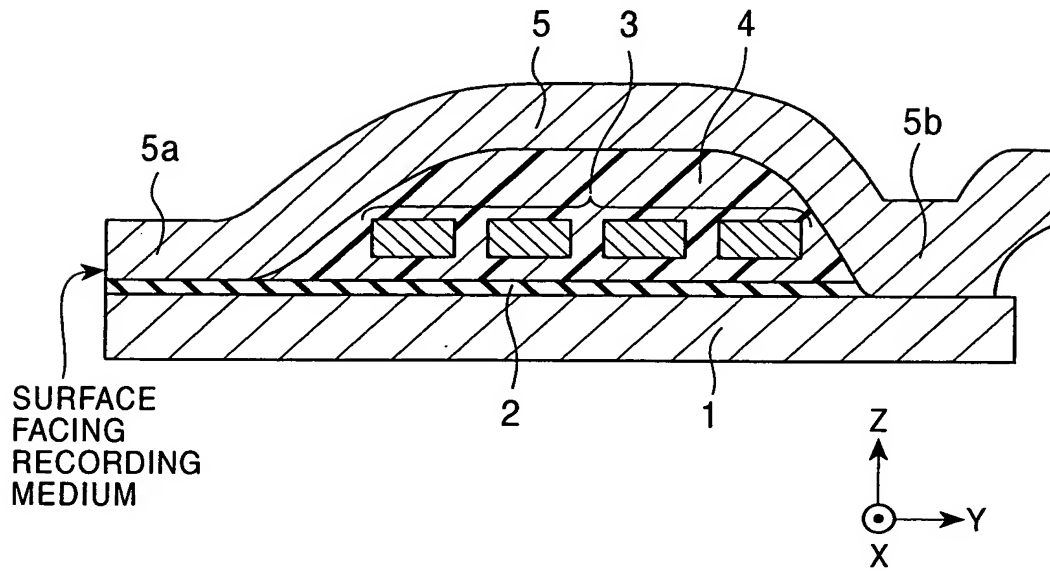
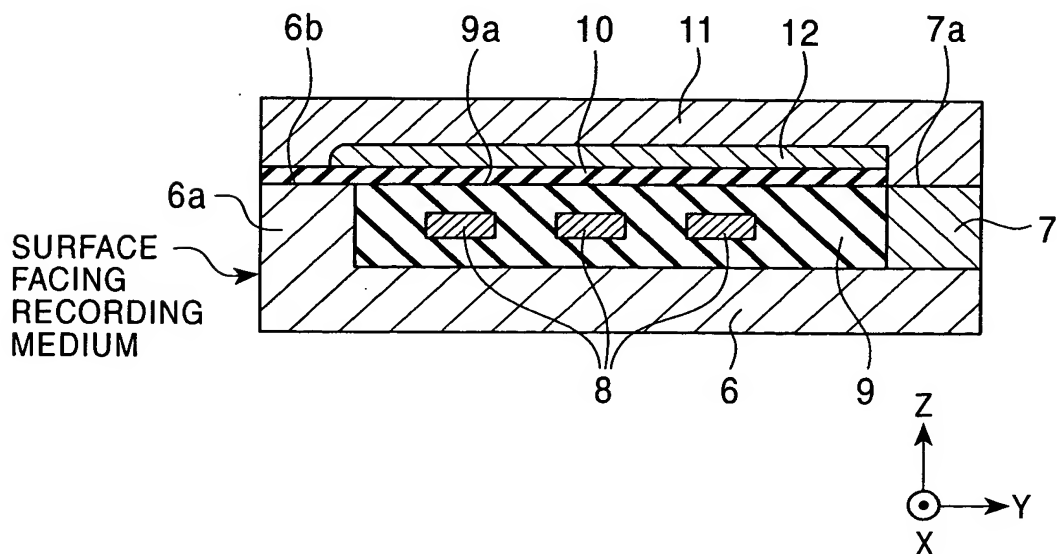


FIG. 26
PRIOR ART



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FIG. 27
PRIOR ART

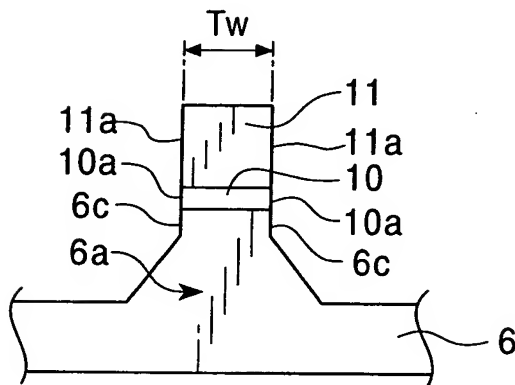


FIG. 28
PRIOR ART

